

FORM PTO-1449

ATTY. DOCKET NO.
0609.4560003/KRM/DJNAPPLICATION NO.
10/623,813FIRST SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENTFIRST NAMED INVENTOR
Li et al.FILING DATE
July 22, 2003ART UNIT
1645

1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

amb	AR	20	Okano, M., et al., "Dnmt2 is not required for <i>de novo</i> and maintenance methylation of viral DNA in embryonic stem cells," <i>Nucl. Acids Res.</i> 26:2536-2540, Oxford University Press (June 1998)
amb	AS	20	Pradhan, S., et al., "Baculovirus-mediated expression and characterization of the full-length murine DNA methyltransferase," <i>Nucl. Acids Res.</i> 25:4666-4673, Oxford University Press (November 1997)
	AT		


EXAMINER

amb

DATE CONSIDERED

10/17/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

 <p>FORM PTO-1449</p> <p>INFORMATION DISCLOSURE STATEMENT</p>	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li <i>et al.</i>	
	FILING DATE July 22, 2003	GROUP <i>To Be Assigned</i> 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>amb</i>	AA1	5,578,716	11/26/1996	Szyf <i>et al.</i>			12/01/1993
	AB1	6,183,968 B1	02/06/2001	Bandman <i>et al.</i>			03/25/1999
	AC1	6,492,168 B1	12/10/2002	Kladde <i>et al.</i>			04/22/1999
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

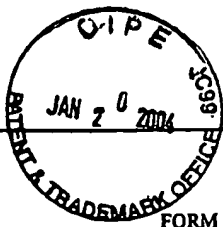
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>amb</i>	AL1	WO 92/06985	04/30/1992	WIPO			Yes No
<i>amb</i>	AM1	WO 95/14772	06/01/1995	WIPO			Yes X No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>amb</i>	AR	1	Aoki, A., <i>et al.</i> , "Enzymatic properties of <i>de novo</i> -type mouse DNA (cytosine-5) methyltransferases," <i>Nucl. Acids Res.</i> 29:3506-3512, Oxford University Press (September 2001)
	AS	1	Ariel, M., <i>et al.</i> , "Gamete-specific methylation correlates with imprinting of the murine <i>Xist</i> gene," <i>Nat. Genet.</i> 9:312-315, Nature Publishing Group (1995)
	AT	1	Ausubel, F.M., <i>et al.</i> , eds., "Expression of Proteins in Insect Cells Using Baculoviral Vectors," in <i>Current Protocols in Molecular Biology</i> , Greene Publishing Associates and Wiley-Interscience, New York, NY, pp. 16.8.1-16.11.7 (1990)
EXAMINER <i>amb</i>	DATE CONSIDERED	10/13/2006	

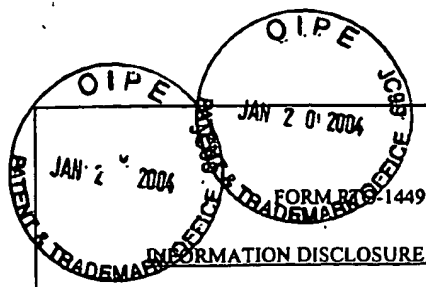
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li <i>et al.</i>	
	FILING DATE July 22, 2003	GROUP To Be Assigned 1643

SI/CF Rev. 1/99

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	2	Bachman, K.E., <i>et al.</i> , "Dnmt3a and Dnmt3b Are Transcriptional Repressors That Exhibit Unique Localization Properties to Heterochromatin," <i>J. Biol. Chem.</i> 276:32282-32287, The American Society for Biochemistry and Molecular Biology, Inc. (August 2001)				
	AS	2	Baylin, S.B., <i>et al.</i> , "Alterations in DNA Methylation: A Fundamental Aspect of Neoplasia," <i>Adv. Cancer Res.</i> 72:141-196, Academic Press (February 1998)				
	AT	2	Bestor, T., <i>et al.</i> , "Cloning and Sequencing of a cDNA Encoding DNA Methyltransferase of Mouse Cells," <i>J. Mol. Biol.</i> 203:971-983, Academic Press (1988)				
EXAMINER		DATE CONSIDERED 10/13/2006					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJN

APPLICATION NO.
10/623,813

APPLICANT
Li *et al.*

FILING DATE
July 22, 2003

GROUP
~~To Be Assigned~~ 1643

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

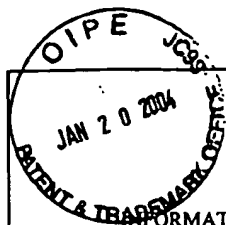
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

amb	AR	3	Bestor, T.H., "Activation of mammalian DNA methyltransferase by cleavage of a Zn binding regulatory domain," <i>EMBO J.</i> 11:2611-2617, Oxford University Press (1992)				
J	AS	3	Brandeis, M., <i>et al.</i> , "The ontogeny of allele-specific methylation associated with imprinted genes in the mouse," <i>EMBO J.</i> 12:3669-3677, Oxford University Press (1993)				
V	AT	3	Brockdorff, N., "Convergent themes in X chromosome inactivation and autosomal imprinting," in <i>Genomic Imprinting</i> , Reik, W., and Surani, A., eds., Oxford University Press, Oxford, UK, pp. 191-210 (December 1997)				
EXAMINER	ant/harris	DATE CONSIDERED	18/13/2006				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li et al.FILING DATE
July 22, 2003GROUP
To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

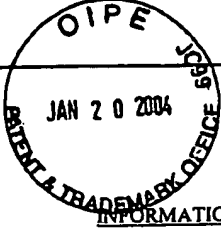
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	Chaillet, J.R., et al., "Parental-Specific Methylation of an Imprinted Transgene in Established during Gametogenesis and Progressively Changes during Embryogenesis," <i>Cell</i> 66:77-83, Cell Press (1991)
	AS	4	Chen, T., et al., "A Novel Dnmt3a Isoform Produced from an Alternative Promoter Localizes to Euchromatin and Its Expression Correlates with Active <i>de Novo</i> Methylation," <i>J. Biol. Chem.</i> 277:38746-38754, The American Society for Biochemistry and Molecular Biology, Inc. (October 2002)
	AT	4	Cheng, X., "Structure and function of DNA methyltransferases," <i>Annu. Rev. Biophys. Biomol. Struct.</i> 24:293-318, Annual Reviews, Inc. (1995)

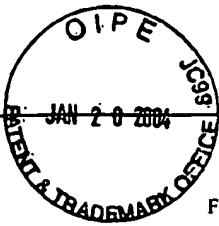
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

 <p>JAN 20 2004</p> <p>FORM PTO-1449</p> <p>INFORMATION DISCLOSURE STATEMENT</p>	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li <i>et al.</i>	
	FILING DATE July 22, 2003	GROUP To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	§	Finnegan, E.J., and Dennis, E.S., "Isolation and identification by sequence homology of a putative cytosine methyltransferase from <i>Arabidopsis thaliana</i> ," <i>Nucl. Acids Res.</i> 21:2383-2388, Oxford University Press (1993)				
	AS	§	Flynn, J., <i>et al.</i> , "Murine DNA Cytosine-C ⁵ Methyltransferase: Pre-Steady- and Steady-State Kinetic Analysis with Regulatory DNA Sequences," <i>Biochem.</i> 35:7308-7315, American Chemical Society (1996)				
	AT	§	Flynn, J., <i>et al.</i> , "DNA Binding Discrimination of the Murine DNA Cytosine-C ⁵ Methyltransferase," <i>J. Mol. Biol.</i> 279:101-116, Academic Press (May 1998)				
EXAMINER		DATE CONSIDERED					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li *et al.*FILING DATE
July 22, 2003GROUP
To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

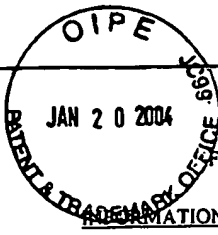
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Hata, K., <i>et al.</i> , "Dnmt3L cooperates with the Dnmt3 family of de novo DNA methyltransferases to establish maternal imprints in mice," <i>Develop.</i> 129:1983-1993, Company of Biologists Ltd. (April 2002)
	AS	6	Jähner, D., and Jaenisch, R., "DNA Methylation in Early Mammalian Development," in <i>DNA Methylation. Biochemistry and Biological Significance</i> , Razin, A., eds., Springer-Verlag, New York, NY, pp. 189-219 (1984)
	AT	6	Jentsch, S., <i>et al.</i> , "DNA methyltransferases affecting the sequence 5'CCGG," <i>Nucl. Acids Res.</i> 9:2753-2759, IRL Press (1981)
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



INFORMATION DISCLOSURE STATEMENT FORM PTO-1449	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li <i>et al.</i>	
	FILING DATE July 22, 2003	GROUP To Be Assigned 1643

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
auth	AR	2	Jones, P.A., and Gonzalgo, M.L., "Altered DNA methylation and genome instability: A new pathway to cancer?," <i>Proc. Natl. Acad. Sci. USA</i> 94:2103-2105, National Academy of Sciences (March 1997)				
↓	AS	2	Klimašauskas, S., <i>et al.</i> , "The sequence specificity domain of cytosine-C5 methylases," <i>Nucl. Acids Res.</i> 19:6183-6190, IRL Press at Oxford University Press (1991)				
↓	AT	2	Kumar, S., <i>et al.</i> , "The DNA (cytosine-5) methyltransferases," <i>Nucl. Acids Res.</i> 22:1-10, Oxford University Press (1994)				
EXAMINER	auth		DATE CONSIDERED 10/13/2006				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li *et al.*FILING DATE
July 22, 2003GROUP
To Be Assigned 1643


U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

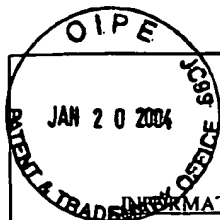
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>amh</i>	AR	8	Laird, P.W., and Jaenisch, R., "The Role of DNA Methylation in Cancer Genetics and Epigenetics," <i>Annu. Rev. Genet.</i> 30:441-464, Annual Reviews Inc. (1996)
	AS	8	Lauster, R., <i>et al.</i> , "Cytosine-specific Type II DNA Methyltransferases. A Conserved Enzyme Core with Variable Target-recognizing Domains," <i>J. Mol. Biol.</i> 206:305-312, Academic Press Ltd. (1989)
	AT	8	Lazar, E., <i>et al.</i> , "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," <i>Mol. Cell. Biol.</i> 8:1247-1252, American Society for Microbiology (1988)
EXAMINER <i>amh</i>	DATE CONSIDERED <i>15/13/2006</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li *et al.*FILING DATE
July 22, 2003GROUP
To Be Assigned 1643



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>amb</i>	AR	2	Lei, H., <i>et al.</i> , "De novo DNA cytosine methyltransferase activities in mouse embryonic stem cells," <i>Development</i> 122:3195-3205, The Company of Biologists Ltd. (1996)
	AS	2	Leonhardt, H., <i>et al.</i> , "A Targeting Sequence Directs DNA Methyltransferase to Sites of DNA Replication in Mammalian Nuclei," <i>Cell</i> 71:865-873, Cell Press (1992)
	AT	2	Li, E., <i>et al.</i> , "Targeted Mutation of the DNA Methyltransferase Gene Results in Embryonic Lethality," <i>Cell</i> 69:915-926, Cell Press (1992)
EXAMINER <i>amb Harris</i>	DATE CONSIDERED <i>01/27/2006</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li *et al.*FILING DATE
July 22, 2003GROUP
To Be Assigned 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

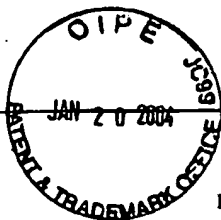
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>amb</i>	AR	10	Li, E., "Role of DNA methylation in mammalian development," in <i>Genomic Imprinting</i> , Reik, W., and Surani, A., eds., Oxford University Press, Oxford, UK, pp. 1-20 (December 1997)
<i>I</i>	AS	10	Malagnac, F., <i>et al.</i> , "A Gene Essential for De Novo Methylation and Development in <i>Ascombolus</i> Reveals a Novel Type of Eukaryotic DNA Methyltransferase Structure," <i>Cell</i> 91:281-290, Cell Press (October 1997)
<i>✓</i>	AT	10	Narayan, A., <i>et al.</i> , "Hypomethylation of Pericentromeric DNA in Breast Adenocarcinomas," <i>Int. J. Cancer</i> 77:833-838, Wiley-Liss, Inc. (September 1998)
EXAMINER <i>amb</i>	DATE CONSIDERED 1/13/2006		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li et al.FILING DATE
July 22, 2003GROUP
~~To Be Assigned~~ 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

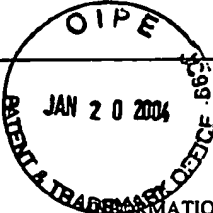
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	11	Okano, M., et al., "Dnmt2 is not required for de novo and maintenance methylation of viral DNA in embryonic stem cells," <i>Nucl. Acids Res.</i> 26:2536-2540, Oxford University Press (June 1998) DUPLICATE REFERENCE
	AS	11	Okano, M., et al., "Cloning and characterization of a family of novel mammalian DNA (cytosine-5) methyltransferases," <i>Nat. Genet.</i> 19:219-220, Nature Publishing Group (July 1998)
	AT	11	Okano, M., et al., "DNA Methyltransferases Dnmt3a and Dnmt3b Are Essential for De Novo Methylation and Mammalian Development," <i>Cell</i> 99:247-257, Cell Press (October 1999)
EXAMINER	DATE CONSIDERED 10/13/2006		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

 <p>FORM PTO-1449</p> <p>INFORMATION DISCLOSURE STATEMENT</p>	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li <i>et al.</i>	
	FILING DATE July 22, 2003	GROUP To Be Assigned 1643


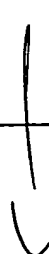

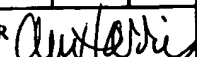
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

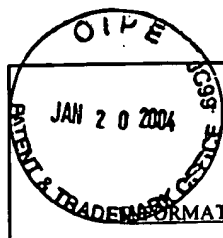
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	12	Okano, M., and Li, E., "Genetic Analyses of DNA Methyltransferase Genes in Mouse Model System," <i>J. Nutr.</i> 132:2462S-2465S, American Institute of Nutrition (August 2002)
	AS	12	Pradhan, S., <i>et al.</i> , "Baculovirus-mediated expression and characterization of the full-length murine DNA methyltransferase," <i>Nucl. Acids Res.</i> 25:4666-4673, Oxford University Press (November 1997)
	AT	12	Qu, G.-Z., <i>et al.</i> , "Satellite DNA hypomethylation vs. overall genomic hypomethylation in ovarian epithelial tumors of different malignant potential," <i>Mutat. Res.</i> 423:91-101, Elsevier Science (January 1999)
EXAMINER 	DATE CONSIDERED 10/13/2006		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

 ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJN

 APPLICATION NO.
10/623,813

 APPLICANT
Li et al.

 FILING DATE
July 22, 2003

 GROUP
To Be Assigned

1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

amb	AR	13	Razin, A., and Cedar, H., "DNA methylation and embryogenesis," in <i>DNA Methylation: Molecular Biology and Biological Significance</i> , Jost, J.P., and Saluz, H.P., eds., Birkhäuser Verlag, Basel, Switzerland, pp. 343-357 (1993)				
↓	AS	13	Reid, G.K., et al., "Selective inhibition of DNA methyltransferase enzymes as a novel strategy for cancer treatment," <i>Curr. Opin. Mol. Ther.</i> 4:130-137, Current Drugs (April 2002)				
↓	AT	13	Robertson, K.D., et al., "The human DNA methyltransferases (DNMTs) 1, 3a and 3b: coordinate mRNA expression in normal tissues and overexpression in tumors," <i>Nucl. Acids Res.</i> 27:2291-2298, Oxford University Press (June 1999)				

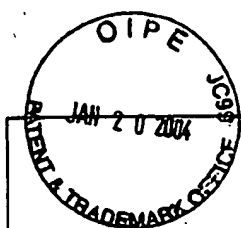
EXAMINER

amb

DATE CONSIDERED

10/13/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li *et al.*FILING DATE
July 22, 2003GROUP
To Be Assigned 1643**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

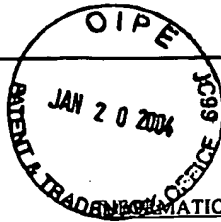
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>amh</i>	AR	14	Stöger, R., <i>et al.</i> , "Maternal-Specific Methylation of the Imprinted Mouse <i>Igf2r</i> Locus Identifies the Expressed Locus as Carrying the Imprinting Signal," <i>Cell</i> 73:61-71, Cell Press (1993)
<i>L</i>	AS	14	Szyf, M., <i>et al.</i> , "Induction of Myogenic Differentiation by an Expression Vector Encoding the DNA Methyltransferase cDNA Sequence in the Antisense Orientation," <i>J. Biol. Chem.</i> 267:12831-12836, The American Society for Biochemistry and Molecular Biology, Inc. (1992)
<i>N</i>	AT	14	Szyf, M., and Detich, N., "Regulation of the DNA Methylation Machinery and Its Role in Cellular Transformation," in <i>Progress in Nucleic Acid Research and Molecular Biology</i> , Moldave, K., ed., Academic Press, San Diego, CA, pp. 47-79 (August 2001)
EXAMINER <i>amh/arris</i>	DATE CONSIDERED <i>10/13/2006</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li <i>et al.</i>	
	FILING DATE July 22, 2003	GROUP <i>To Be Assigned</i> 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

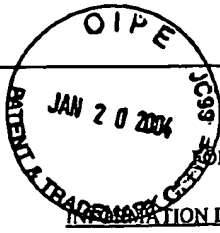
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>amh</i>	AR	15	Trasler, J.M., <i>et al.</i> , "DNA Methyltransferase in Normal and <i>Dnm1</i> / <i>Dnm2</i> Mouse Embryos," <i>Dev. Dyn.</i> 206:239-247, Wiley-Liss, Inc. (1996)
<i>↓</i>	AS	15	Tremblay, K.D., <i>et al.</i> , "A paternal-specific methylation imprint marks the alleles of the mouse <i>H19</i> gene," <i>Nat. Genet.</i> 9:407-413, Nature Publishing Group (1995)
<i>↓</i>	AT	15	Tucker, K.L., <i>et al.</i> , "Germ-line passage is required for establishment of methylation and expression patterns of imprinted but not of nonimprinted genes," <i>Genes & Develop.</i> 10:1008-1020, Cold Spring Harbor Laboratory Press (1996)
EXAMINER <i>Amtharris</i>	DATE CONSIDERED <i>10/13/2006</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li et al.	
	FILING DATE July 22, 2003	GROUP To Be Assigned 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

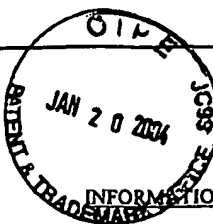
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

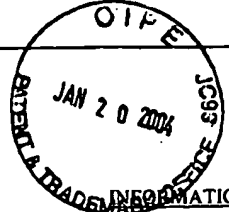
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	16	Xie, S., et al., "Cloning, expression and chromosome locations of the human DNMT3 gene family," <i>Gene</i> 236:87-95, Elsevier Science B.V. (August 1999)
	AS	16	Yen, R.-W. C., et al., "Isolation and Characterization of the cDNA encoding human DNA methyltransferase," <i>Nucl. Acids Res.</i> 20:2287-2291, Oxford University Press (1992)
	AT	16	Yoder, J.A., and Bestor, T.H., "A candidate mammalian DNA methyltransferase related to pmt1p of fission yeast," <i>Hum. Mol. Genet.</i> 7:279-284, Oxford University Press (February 1998)
EXAMINER	DATE CONSIDERED 10/13/2006		

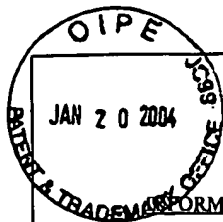
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

 FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li et al.	
	FILING DATE July 22, 2003	GROUP To Be Assigned 1643

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
anh	AR	17	Zuccotti, M., and Monk, M., "Methylation of the mouse <i>Xist</i> gene in sperm and eggs correlates with imprinted <i>Xist</i> expression and paternal X-inactivation," <i>Nat. Genet.</i> 9:316-320, Nature Publishing Group (1995)				
↓	AS	17	International Search Report for International Application No. PCT/US99/14373, mailed December 10, 1999, European Patent Office, Netherlands				
↓	AT	17	Dialog File 351, Accession No. 10305671, Derwent WPI English language abstract for WO 95/14772				
EXAMINER	anh		DATE CONSIDERED 10/13/2006				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

 FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4560003/JAG/KRM/DJN	APPLICATION NO. 10/623,813
	APPLICANT Li <i>et al.</i>	
	FILING DATE July 22, 2003	GROUP <i>To Be Assigned</i> 1643

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>amb</i>	AR	18	GenCore database. Sequence alignment between SEQ ID NO: 2 and Accession number AF067972 of Xie <i>et al.</i> Gene 236(1): 87-95, 1999, 3 sheets				
<i>J</i>	AS	18	GenCore database. Sequence alignment between SEQ ID NO: 2 and Accession number AF068626 and AF068627 of Okano <i>et al.</i> Nat. Genet. 19(3): 219 and 220, 1998, 8 sheets				
<i>U</i>	AT	18	GenCore nucleic acid and amino acid database. Sequence comparison between accession number AF067972 from Gene 1999 paper and Applicants' SEQ ID NO: 7 and 8, February 12, 2001				
EXAMINER <i>amb</i>	DATE CONSIDERED 10/13/2006						
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.4560003/JAG/KRM/DJNAPPLICATION NO.
10/623,813APPLICANT
Li et al.FILING DATE
July 22, 2003GROUP
To Be Assigned 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

amh	AR	19	GenCore nucleic acid database. Sequence comparison between accession number AAT21884 from WO document 9514772-A1 and Applicants' SEQ ID NO: 1 and 3, June 1, 1995
↓	AS	19	GenCore nucleic acid and amino acid database. Sequence comparison between sequence 47 of U.S. Patent 6,183,968 and Applicants' SEQ ID NO: 2 and 5-8, March 27, 1998
↓	AT	19	GenCore nucleic acid and amino acid database. Sequence comparison between sequence accession number AF069625 from Nature Genetics 1998 paper and Applicants' SEQ ID NO: 5 and 6, December 6, 1999

EXAMINER

DATE CONSIDERED

10/13/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.